

## Refine Search

### Search Results -

Terms	Documents
flange and L12	25

Database: 
 US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search: L13 Refine Search

Recall Text
Clear
Interrupt

### Search History

DATE: Thursday, December 16, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L13</u>	flange and L12	25	<u>L13</u>
<u>L12</u>	l10 and L11	125	<u>L12</u>
<u>L11</u>	roller or disc	791980	<u>L11</u>
<u>L10</u>	piston and L9	432	<u>L10</u>
<u>L9</u>	l2 and L8	928	<u>L9</u>
<u>L8</u>	166/380.ccls. or 166/206.ccls. or 166/207.ccls. or 166/382.ccls. or 166/387.ccls. or 166/384.ccls. or 166/55.ccls. or 166/277.ccls. or 166/216.ccls.	2348	<u>L8</u>
<u>L7</u>	stepped profile and mandrel and expandable and l1	3	<u>L7</u>
<u>L6</u>	l3 and L5	24	<u>L6</u>
<u>L5</u>	expand\$4 disc	304	<u>L5</u>
<u>L4</u>	roller and L3	4668	<u>L4</u>
<u>L3</u>	piston and l2	22334	<u>L3</u>

L2 expand\$3 and L1

120085 L2

L1 tubular or tubing or pipe

645191 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
roller and piston and L15	0

Database:

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

L19

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, December 16, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
DB=USPT; PLUR=YES; OP=ADJ			
L19	roller and piston and L15	0	L19
L18	roller and piston and L17	0	L18
L17	roller and disc and L16	0	L17
L16	tool and L15	2	L16
L15	expans4 and L14	2	L15
L14	6634431.pn. or 6328113.pn.	2	L14
L13	flange and L12	25	L13
L12	l10 and L11	125	L12
L11	roller or disc	791980	L11
L10	piston and L9	432	L10
L9	l2 and L8	928	L9
L8	166/380.ccls. or 166/206.ccls. or 166/207.ccls. or 166/382.ccls. or 166/387.ccls. or 166/384.ccls.	2348	L8

or 166/55.ccls. or 166/277.ccls. or 166/216.ccls.

L7 stepped profile and mandrel and expandable and l1  
L6 l3 and L5  
L5 expand\$4 disc  
L4 roller and L3  
L3 piston and l2  
L2 expand\$3 and L1  
L1 tubular or tubing or pipe

3 L7  
24 L6  
304 L5  
4668 L4  
22334 L3  
120085 L2  
645191 L1

END OF SEARCH HISTORY